**ABU KAUSER**

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**Objective**

Having 9 **years** of Testing experience in the Software Testing Industry with diversified skills in **Manual** and **Automation Testing** of the **Client-Server**, **Web applications,** seeking a position as a **Software QA Analyst/ Software Test Engineer.**

**Summary**

* **Seven plus years** experience in **Software Quality Assurance, CMMI, Testing** , **Business Analysis, CM**, **Defect Tracking** and **SDLC process**
* Extensive Knowledge in Quality Assurance methodologies and strategies with better understanding of Software Development Life Cycle (SDLC). Excellent in **Business Process Identification**. Project experience includes customer and user interactions.
* Experience with **Project Management** and **Release Management**.
* Experience with **working in multiple projects at the same time.**
* Experience with gathering **user requirements,** **test case design** and **documentation**.
* Experience with **Risk Management** that involves Risk identification and mitigation.
* Experience in testing Client/Server, Standalone, Internet/ Intranet applications, oracle database.
* Expertise in **developing Test Plan, Test Scripts, Test cases, Test data and Work flows based on Business, Technical** and **Functional requirements.**
* Proficient in automation tools like **IBM Rational Functional Tester**, **IBM Rational Performance Tester**, **HP Quality Center, QTP, LoadRunner, WinRunner** and **TestDirector.**
* Expertise in conducting **Inspections**, **Evaluations**, **Smoke, Functional, Integration, System, Ad-hoc, Regression, User Acceptance, Performance, Load** and **Stress testing**.
* Expertise in Problem solving and Tracking Bug Reports using Bug tracking Tool like **Quality Center/TestDirector.**
* Expert knowledge of **ETL** tools, such as **Informatica** products and Report Testing concepts.
* Experienced with leading reporting tools, such as **Business Objects** **and Crystal Reports**
* Practical understanding of the Kimball data warehouse design methodology
* Expertise in Querying and testing **RDBMS** such as **Oracle**, **SQL Server**, **MS Access** for data integrity.
* Excellent knowledge in the areas of Health care, Finance, networking, UI, distributed computing, web and enterprise application development.
* **CMMI** implementation experience and day-to-day hands on application of the **CMMI** model
* Involved in implementing **CMM/CMMI** in real time projects.
* Good knowledge in area of system design and systems environment
* Ability to understand business drivers, quality risks, and tradeoffs with the ability to propose risk mitigation approaches to meet the business need.
* Possess positive, can-do attitude with customer-centric view.
* Experienced with automated **CM** Defect Tracking tools **ClearCase** and **ClearQuest**
* Able to analysis the role that different types of requirements play in the system development process
* Excellent knowledge in the area of **CM Planning, Configuration Identification, Configuration Control** and **Configuration Status Accounting & Audits**
* Experience in Design, develop and implement solutions to requirements. Solutions, design, and implementations encompass products, products components and related life-cycle process.
* Ability to define and implement the software development process phases (activities) and their relationship to a software development life cycle and Software process improvement.

**Technical Skills**

**Testing Tools:**, Rational Functional Tester, Rational Performance Tester, Rational Clear Case, Doors, QuickTestPro, WinRunner, LoadRunner, QualityCenter, TestDirector, ETL.

**Languages:** Java, C++, COBOL and Visual Basic

**Operating Systems:** UNIX, Microsoft Windows NT/95/98/2000/XP/VISTA,

**Hardware Platforms:** SUN, Intel Pentium

**Databases:** Oracle, Microsoft SQL Server, MY-SQL, TOAD

**Scripting Languages:** Java Script, HTML, VB Script and SQL

**Web Servers:** IBM Web Sphere, IIS, Web Logic

**EDUCATION:**

* **Masters in Computer Science**, Queens College, New York-In progress.
* **Bachelor in Computer Information System,** New York City College of Technology, NY
* **Associate degree in Computer Programming** , Borough of Manhattan Community College, NY

**Certifications Training:**

**CERTIFICATIONS:**

|  |  |
| --- | --- |
| * **Security+ Certified**     **Certification Training:**   * CMMI-overview * CMMI-Software Engineering   Principles   * CMMI-Software Test Process * CMMI- Integrated Quality Assurance   Overview   * CMMI-Integrated Configuration   Management   * DOD Information Assurance   Awareness   * Information Assurance Security   Officer Certification Course | * **MCP, MCDBA, and MCSE Certified** * Anti Phishing * Personal Identifiable Information * Portable Electronic Devices and   Remove Storage Media   * IBM Rational RequisitePro-7.0 * CIO G-6/NETCOM Information   Assurance IA Technical Level 1   * Net Work Security Issue Modules. * Creating Compliance 508 document * Completed Testing Seminar   conducted by IIST |

**PROFESSIONAL EXPERIENCE:**

**Department Of Army**

**Human Resources Command**

**Quality Management Branch Quality Assurance Office, Alexandria, VA**

**January 2009- Present**

**Title: Software Test Engineer (Contractor)**

**Responsibility:**

* Responsible for the Development and execution of formal **test plans**, ensuring delivery of quality software applications for the Army Human Resources Command.
* Effectively supervise the Implementation of test planning activities, develop **manual and automated test cases/scripts**, and execution of tests.
* Responsible for the level of effort/scheduling for testing activities.
* Contribute dynamic leadership skills toward effectively instructing and monitoring work of test engineering team to ensure optimal performance
* Proficiently document all Defects in **Rational Clear Quest Defect Tracking tool** and assist in their resolution.
* Define and track **testing metrics** such as defects, defect counts, test results, and test status.
* Successfully develop standard operating procedures to address the testing needs of the Command.
* Serve as Testing Consultant, tasked to develop test process training manuals, instruct technical staff with test processes and perform application software testing utilizing automated testing tools.
* Consistently ensure compliance with testing standards, procedures and methodologies.
* Develop & execute formal test plans, test cases and test scripts to ensure delivery of quality software applications.
* Configure, maintain, and upgrade testing tools used for **test planning** **and defect tracking**.
* Instruct and check the work of other test engineering staff.
* Serving as Internal Testing Consultant, tasked developing test process training manuals and instructing technical staff in all test processes.
* Successfully provide Test Process Techniques under CMMI to technical staff.
* Proficiently configure, maintain and upgrade testing tools to be used for test planning and defect tracking.
* Established an innovative new testing environment in the Vista operating system environment for automated testing utilizing Rational Functional Tester, Performance Tester, ClearCase, ClearQuest, Rational Robot, RequisitePro, WebSphere, Visio, SharePoint, JAVA, Windows VISTA, HTML, ORACLE, SQL, TOAD and UNIX.
* Perform functional, Regression, back-end Application Software Testing on Client/Server and Web-based HRC mission critical military software applications to include Army Wounded Warriors **(AW2),** Total Officer Personnel Management Information System **(TOPMIS II),** and Office Selection Preference Page **(OSPP)** applications, Common Operating Picture Synchronizer **(COPS)** and Army Selection Board System **(ASBS)** using different **Automation Tools.**
* Performed Functional, Regression and Integration testing with QTP and Functional Tester.
* Configure, maintain, and upgrade **testing** tools such as **IBM Rational Functional Tester**, **IBM Rational Performance Tester, QTP, LoadRunner** used for test environment and planning.
* Actively serve as key member of the **CMM-I** Process Action Team responsible for AHRC process improvement tasks for Process and Product Quality Assurance (PPQA) and Verification and Validation **(V&V)** key process areas.
* Analyze and categorize tasks to determine what **Quality Control (Testing)** or **Quality Assurance (Audits)** processes need to be developed to support the **CMM-I** activities of HRC-QAO.
* Created numerous template documents with detailed description for **CMM-I Verification** and **Validation** PAT areas.
* Effectively establish Technical Knowledge of software applications, software program functional requirements, and ADP specifications in order to direct and/or coordinate information, provide assistance and make recommendations.
* Identify, document, and track all Defects in **Rational ClearQuest** Defect Tracking tool to include defects type, defect counts, test results and test status. Coordinate and assist developers and project Managers in correcting or resolving defects and developing an implementation strategy.
* Conduct Performance Stress, Load and Capacity testing using Load Runner and Performance Tester
* Execute command **Software Configuration Management (SCM)** processes utilizing manual and automated processes and tools for migrating software from the development environment to test environment and test to production environment.
* Execute established HRC Quality Assurance Release Management processes for releasing software

to the production environment.

* Performed as an interim Automation lead for a QA team that included interviewing and performance evaluation, for the department.

**Environment:** Rational Functional Tester 8.0, Rational Performance Tester 8.0, Rational Clear Case, Rational Clear Quest, IBM Rational Robot, Requisite Pro, Manual Tester, IBM WebSphere, JBoss, QTP, LoadRunner, Power Builder, MS Office Visio, Use Cases, Share Point, JAVA, Windows VISTA, HTML, ORACLE, SQL, TOAD, UNIX,

**Lockheed Martin, O’Fallon, IL**

**Client: DOD (Air force)**

**May 2008 – December 2008**

**Title: Software Test Engineer**

**Responsibilities:**

* Reviewed design/functional specifications and develop detailed test plans.
* Created test cases for functional, integration, regression, and User acceptance (UAT) testing and Government acceptance testing (GAT) using Quality Center.
* Developed and executed test scripts for functional, regression, performance and system tests using manual and automated methods.
* Created test summary reports.
* Improved test models, test data, and test processes based on lessons learned.
* Developed the test plan, Requirement Traceability Matrix.
* Proficiency Worked on Oracle 10g, Teradata Administrator 7.1, Teradata SQL Administrator 7.1 and Business Objects.
* Worked on **ETL** tools, such as **Informatica** products and Report Testing concepts.
* Executed test plans to ensure data accuracy and ETL reliability.
* Performed debugging, testing and troubleshooting ETL processes and metadata capture.
* Applied the Kimball data warehouse design methodology.
* Evaluating application features and preparing several **Test plans** and **Test cases**, **Test scripts** for **System,** **Functional** and **Regression testing.**
* Performed **Regression, Integration, Data driven testing** using HP **QuickTest Pro 9.5.**
* Wrote maintainable independent **QTP** VB scripts, created a framework of user defined functions to automate assigned test cases.
* Worked with Complex SQL queries using query tools.
* Loaded test data into databases and query execution.
* Managed the execution and communication of testing metrics.
* Conducted metric collection and analysis.
* Experienced with testing data warehouses from source to target.
* Verified all test results to ensure system is performing functions as described in business requirements and design documents.
* Wrote detailed and accurate problem reports/defects where applicable.
* Monitored and managed data quality in the production data warehouse on a daily basis.
* Reviewed, reported on and tracking the testing results.
* Setting up, troubleshooting and maintaining test environments.
* Conducted System, Regression and Integration testing.
* Analyzed data in a multi database environment.
* Experienced with leading reporting tools, such as Business Objects and Crystal Reports.
* Conducted Performance, Stress, Load and Capacity testing using **LoadRunner.**
* Developed, executed and maintained automated load/performance test scripts and scenarios using HP **LoadRunner.**

**Environment:** Oracle 10g, Teradata Administrator 7.1, Teradata SQL Administrator7.1, Unix   (Winscp382, Rxvt, Cygwin), Linux, LoadRunner, QTP, Rational software: Rational Clear Case, Rational Clear Quest(STRS), Informatica Power Center 8.1.1, Bossiness Object (BOBJ), SQL+, ETL (Informatica)

**FDIC, Arlington, VA**

**May 2006 – April 2008**

**Title: Software QA Analyst**

**Responsibilities:**

* Created **Requirements** of the project through **Quality Center.**
* Wrote Test cases using **Quality Center.**
* Involved in setting up **test environment** and preparing test data.
* Worked on **QuickTest Pro, LoadRunner, Test Director and Quality Center.**
* Performed both **Manual** and **Automated testing**.
* **Conducted feasibility study** of functional test cases for automation.
* Developed detailed test conditions and documented test scripts and test procedures.
* Developed various reports and metrics to measure and track testing effort.
* Developed **Automation scripts** & **subroutines** in VBScript to automate most of the functional test cases, all common Application tasks, Error handling subroutines, Application state & features validation subroutines.
* Development of **Batch processing job** in **QTP.**
* Developed automation suite to work ondifferent browsers like IE, NS, and Mozilla.
* Developed Automation scripts with **Data Driven, parameterization** and **Regular expressions**.
* Evaluated **Quick Test Professional** tools for test automation.
* Developed **QTP** scripts using Web, Java and VB add-ins.
* Installed, supported and used the test automation tools effectively.
* Designed/customized and implemented the technical infrastructure for tests automation for each project.
* Defined and implemented test (verification and validation) practices, standards, and processes as they apply to test automation.
* Collaborated with other Test Designers, Test Automators, Test Managers, Test Executors, and Test Architects to automate successful tests for specified application areas.
* Responsible for back-end testing/database testing, which was done using SQL queries.
* Performed Positive and Negative testing and End User Testing.
* Tested the application performance with various loads up to 1000 virtual users using **LoadRunner.**
* Prepared the estimation for test automation based on test case complexity.
* Developed test scripts using **QuickTest Professional tool**.
* Developed reusable actions that are used in different scripts.

**Environment:** HP QTP, Quality Center, LoadRunner, Doors, StarTeam,TOAD, Windows XP, JAVA, .NET, HTML, Java Script, Flash, Photoshop, ISP,UML, AJAX.,

**Merrill Lynch, New York, NY**

**July 2004 – April 2006**

**Title: Software Test Engineer**

**Responsibilities:**

* Analyzed **requirement** document for functional testing of the application, which assisted me in developing future test cases pertaining to the testing.
* Presented **test plan** document used to reflect the testing efforts.
* Identified possible and **potential gaps** in the existing strategy that could have immediate and cascading impact on stability of the application as well as other interfacing applications and suggest a test strategy.
* Participated in documenting **Business Process Flow** for the Project.
* Developed SQL Queries for **Back-end testing**/**Database testing**.
* Worked with team members to meet the dead lines.
* Leveraged system and test automation expertise in reviews and inspections.
* Worked with other test designers, ensured that each defect found was analyzed for source and solution, and that any modified tests resulted in verifying/modifying automation modules.
* Performed automatic testing by developing VB script using **QuickTest Pro.**
* Developed the test scripts for Functional and data driven tests using **Quick Test Pro**.
* **Performance, Stress** and **Load** testing using **Load Runner.**
* Developed, executed and maintained automated load/performance test scripts and scenarios using Mercury **LoadRunner**.
* Used **Load Runner** for **Performance** & **Stress testing** and analyzed the response times of the business transactions under load.
* Discussed testing methods and procedures with the testing team for efficient testing.
* Used **TestDirector** to keep track of the **Gap Analysis** for monitoring the user requirements and developed test cases.

**Environment:**QuickTest Pro, LoadRunner,UNIX, TOAD, Windows XP, JSP, Test Director, J2EE, Bugzilla ,WebLogic. PeopleSoft

**NY Stock Exchange, New York, NY**

**March 2002 – June 2004**

**Title: Software Tester**

**Responsibilities:**

* Analyzed user requirement document, specifications and developed test plans, test cases which includes Testing Overview, Test Objectives, Testing Strategies, Test Environment, what will be tested, what will not tested, (Web related testing).
* Participated in **Walk-through**, inspections and reviews of specifications, code, and test Cases
* Conducted **System** and **Regression Testing** identified application errors and interacted with developers to resolve technical issues.
* Developed Test Scenarios, Test Cases and Test Script for Automated and Manual Testing.
* Developed and executed test plans; test cases and test matrices utilizing QA best practices and standards.
* Participated in **black box functional testing, regression testing, integration** and **configuration testing.**
* Involved in Functional & Regression Testing, which requires through understanding of the functionality of the application.
* Conducted **end-to-end** test of the application manually.
* Wrote SQL queries to retrieve data from the tables in the database to perform **Backend testing**.
* Wrote PL/SQL stored procedures for importing data from different databases.
* Reported and tracked product defects through **TestDirector.**
* Performed Front-End and Functionality testing using **WinRunner.**
* Conducted **integration, security** and **system testing.**
* Conducted **data driven testing** using **WinRunne**r.
* Documented and communicated requirements, test results, test process and test standards with QA Manager.

**Environment:** WinRunner, TestDirector, J2EE, Java, JSP, Servlets, XML, UNIX, Web Logic, Oracle, Internet Explorer and Netscape.

**Reference:** Reference available upon request.

**Clearance:** Active Secret (DOD)